

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067696.D
 Acq On : 18 Nov 2020 19:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:07:08 AM

Quant Time: Nov 19 01:26:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	269422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	418113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	117888	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.91	113	120334	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.34	98	405557	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.63	95	149417	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99783	45.328	ug/l	96
3) Chloromethane	2.21	50	70226	41.857	ug/l	95
4) Vinyl Chloride	2.35	62	77307	41.329	ug/l	99
5) Bromomethane	2.77	94	69439	45.801	ug/l	97
6) Chloroethane	2.93	64	50925	44.159	ug/l	94
7) Trichlorofluoromethane	3.28	101	229487	47.383	ug/l	89
8) Diethyl Ether	3.71	74	51872	53.152	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114649	46.896	ug/l	100
10) Methyl Iodide	4.30	142	118669	45.289	ug/l	98
11) Tert butyl alcohol	5.21	59	39644m	402.852	ug/l	
12) 1,1-Dichloroethene	4.07	96	106491	47.356	ug/l	96
13) Acrolein	3.92	56	23549	228.024	ug/l	95
14) Allyl chloride	4.71	41	115273	47.897	ug/l	96
15) Acrylonitrile	5.41	53	95188	263.861	ug/l	98
16) Acetone	4.16	43	85642	242.934	ug/l	100
17) Carbon Disulfide	4.41	76	298578	43.330	ug/l	99
18) Methyl Acetate	4.72	43	40457	55.535	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	251900	56.790	ug/l	98
20) Methylene Chloride	4.97	84	131443	52.783	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	127069	48.515	ug/l	98
22) Diisopropyl ether	6.36	45	244161	52.060	ug/l	95
23) Vinyl Acetate	6.31	43	668592	272.340	ug/l	97
24) 1,1-Dichloroethane	6.27	63	195160	50.865	ug/l	98
25) 2-Butanone	7.21	43	98238	260.793	ug/l	90
26) 2,2-Dichloropropane	7.21	77	196524	48.532	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	143647	52.839	ug/l	99
28) Bromochloromethane	7.55	49	71902	52.684	ug/l	95
29) Tetrahydrofuran	7.57	42	60663	268.850	ug/l	96
30) Chloroform	7.71	83	244179	53.345	ug/l	95
31) Cyclohexane	7.98	56	147776	43.250	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	241500	51.135	ug/l	98
36) 1,1-Dichloropropene	8.11	75	167293	46.743	ug/l	98
37) Ethyl Acetate	7.30	43	48001	51.660	ug/l	97
38) Carbon Tetrachloride	8.10	117	230354	49.538	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	189912	45.084	ug/l	98
40) Benzene	8.35	78	476206	49.121	ug/l	96
41) Methacrylonitrile	7.53	41	27322	49.193	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	156021	52.088	ug/l	100
43) Isopropyl Acetate	8.46	43	94744	51.558	ug/l	99
44) Trichloroethene	9.11	130	154715	48.536	ug/l	92
45) 1,2-Dichloropropane	9.39	63	102563	48.932	ug/l	96
46) Dibromomethane	9.48	93	67622	50.740	ug/l	98
47) Bromodichloromethane	9.67	83	187964	51.890	ug/l	97
48) Methyl methacrylate	9.46	41	44745	47.160	ug/l #	81
49) 1,4-Dioxane	9.46	88	14295	1056.588	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	240007	273.094	ug/l	98
52) Toluene	10.41	92	324997	50.050	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	160830	51.841	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	180791	49.048	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	92689	52.564	ug/l	96
56) Ethyl methacrylate	10.67	69	96730	53.121	ug/l	97
57) 1,3-Dichloropropane	10.95	76	146778	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	226939	267.249	ug/l	100
59) 2-Hexanone	10.99	43	162298	264.119	ug/l	99
60) Dibromochloromethane	11.14	129	137839	52.843	ug/l	99
61) 1,2-Dibromoethane	11.25	107	91062	51.454	ug/l	99
64) Tetrachloroethene	10.88	164	135127	47.570	ug/l	98
65) Chlorobenzene	11.67	112	369678	50.036	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	149532	51.351	ug/l	99
67) Ethyl Benzene	11.75	91	643120	50.868	ug/l	98
68) m/p-Xylenes	11.86	106	489558	99.531	ug/l	99
69) o-Xylene	12.18	106	228894	52.122	ug/l	99
70) Styrene	12.20	104	400044	52.278	ug/l	99
71) Bromoform	12.36	173	77470	52.164	ug/l #	97
73) Isopropylbenzene	12.48	105	631418	51.185	ug/l	100
74) N-amyl acetate	12.29	43	81847	50.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	84426	50.189	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	50702m	44.032	ug/l	
77) Bromobenzene	12.76	156	156760	51.743	ug/l	96
78) n-propylbenzene	12.83	91	709706	50.297	ug/l	100
79) 2-Chlorotoluene	12.91	91	409055	51.034	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	547508	51.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28064	49.482	ug/l	95
82) 4-Chlorotoluene	13.01	91	442409	51.464	ug/l	100
83) tert-Butylbenzene	13.23	119	454992	50.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	543679	51.830	ug/l	98
85) sec-Butylbenzene	13.40	105	601429	49.884	ug/l	98
86) p-Isopropyltoluene	13.52	119	587838	50.490	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	293578	50.784	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	290903	49.697	ug/l	100
89) n-Butylbenzene	13.84	91	505582	50.274	ug/l	99
90) Hexachloroethane	14.11	117	109786	50.073	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	257606	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16941	56.881	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	180671	53.205	ug/l	99
94) Hexachlorobutadiene	15.27	225	110730	48.723	ug/l	98
95) Naphthalene	15.40	128	298887	57.035	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	153323	52.727	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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